

# PATENT ABSTRACTS OF JAPAN

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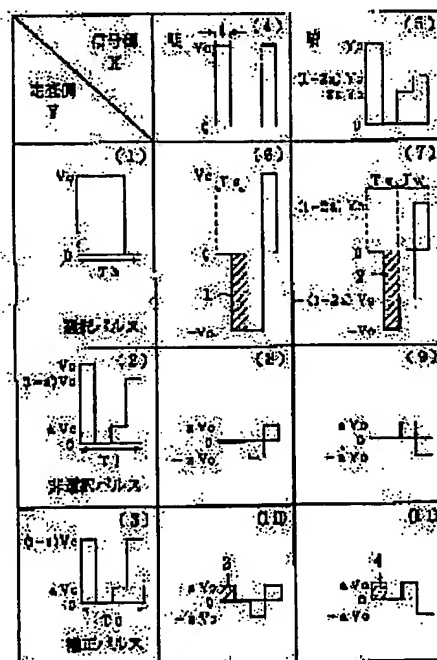
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## (54) METHOD FOR DRIVING DISPLAY PANEL

### (57)Abstract:

PURPOSE: To eliminate the flicker at the time of erasing display data of the liquid crystal display panel.

CONSTITUTION: The selection period  $T_h$  of the respective scanning electrodes of the display panel of a matrix type having the optical characteristics to exhibit two stable states, bright and dark, with voltage pulses is composed of an erasing period  $T_e$  and a writing period  $T_w$ . Erasing pulses of monopolarity are impressed to reset all the pixels on the selected scanning electrodes to the dark in the erasing period  $T_e$ . All the pixels on the selected scanning electrodes are changed to the bright or the dark according to the display data to display video signals in the writing period  $T_w$ . The DC components of the voltage pulses remain in the selection period  $T_h$  at this time and, therefore, correction pulses are formed and are impressed in a voltage correction period  $T_p$  in order to offset these components. The flicker is then eliminated and since the DC components of the voltage pulses do not remain, the deterioration in the characteristics of the liquid crystal cell is prevented.



## LEGAL STATUS

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